



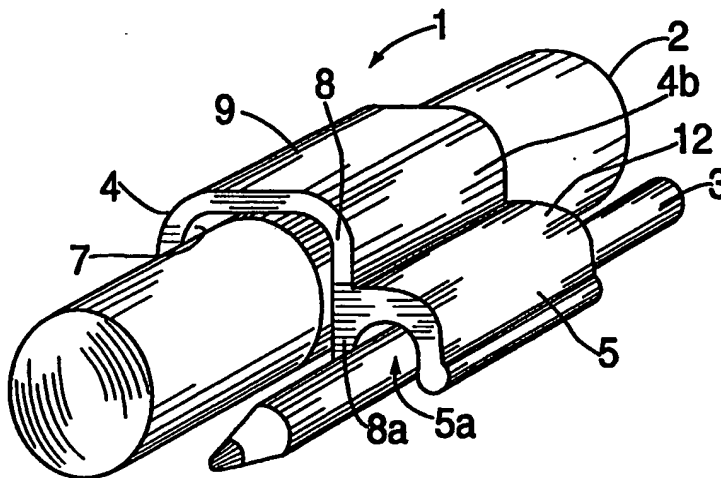
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A44B 21/00, B43K 25/00, F16B 2/00		A1	(11) International Publication Number: WO 98/36655
			(43) International Publication Date: 27 August 1998 (27.08.98)
(21) International Application Number: PCT/US98/03226		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GE, GH, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 18 February 1998 (18.02.98)			
(30) Priority Data: 60/039,021 21 February 1997 (21.02.97) US 08/972,981 19 November 1997 (19.11.97) US			
(71)(72) Applicant and Inventor: COOPER, Gary [US/US]; 104 West 70th Street, New York, NY 10023 (US).			
(74) Agent: WALKER, Alfred, M.; 225 Old Country Road, Melville, NY 11747 (US).		Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	

(54) Title: **COSMETIC ACCESSORY CLIP**

(57) Abstract

A cosmetic accessory clasp (1) includes two or more clips (4, 5) for holding longitudinally extending articles (2, 3). For example, pencil (3). The clasp (1) includes two or more open clips (4, 5), such as an open clip (4) having attached at the closed portion thereof a smaller clip (5) adjacent to the larger clip (4). The larger lipstick barrel (2) is inserted by the spring action of the larger clip (4) and the lip liner pencil (3) is insertable in the smaller clip (5) adjacent to the larger clip (4). The clasp (1) may hold other related longitudinally extending articles, such as eyebrow pencils and the like.



FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	France	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav Republic of Macedonia	TM	Turkmenistan
BF	Burkina Faso	GR	Greece			TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	ZW	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's Republic of Korea	NZ	New Zealand		
CM	Cameroon			PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakhstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LI	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		

COSMETIC ACCESSORY CLIP

FIELD OF THE INVENTION

This invention relates to an apparatus for clasping
5 together two or more longitudinally extending articles, such
as a lipstick barrel with a lip liner pencil.

BACKGROUND OF THE INVENTION

Especially for a person with a large carry bag, such as
a handbag or backpack, it is difficult to find and keep
10 together two or more related longitudinally extending
articles. For example, in order to use lipstick, it is
important to outline the lips with the lip liner pencil prior
to applying the lipstick thereon. However, there has not
been a device to hold both items together in proximity so
15 that the user can have easy access to both items
simultaneously, without having to search through many items
within the carry bag.

SUMMARY OF THE INVENTION

Therefore, in keeping with these objects and others
20 which may be come apparent, the present invention relates to
a clip type clasp for holding two or more longitudinally
extending articles, such as both a lipstick barrel and a lip
liner pencil. For example, any two or more related articles
can be held, depending upon the configuration of the clip
25 type clasp. For example, in certain embodiments, the clasp
may hold a lipstick barrel, a lip liner pencil and an eyebrow
pencil, or other related personal items.

The clip type clasp includes an open clip, having
attached at one or more closed portions thereof, one or more
30 other clips adjacent to same, wherein each clip holds a
longitudinally extending article related to the other one or
more articles. For example, there may be two, three or more
clips in one integral clasp.

In a preferred embodiment, the clasp includes an open
35 large clip having attached at the closed portion thereof a
smaller clip adjacent to same, wherein a longitudinally

extending article, such as a lipstick barrel, is inserted by the spring action of a large clip and another related longitudinally extending article, such as a lip liner pencil, is insertable in a smaller clip adjacent to the larger clip.

5 According to another preferred embodiment of the invention, there is provided a unitary clip for clipping together an elongate lipstick barrel and an elongate lip liner pencil, which clip includes a first channel-shaped clip member having a first concave open internal wall, in which no
10 parts of the first internal wall are contiguous, such that free edges of the channel forming the wall are spaced from one another, the first internal wall being shaped and dimensioned to resiliently grip the barrel; and, integral with the first member, a second channel-shaped clip member
15 which has a smaller bore than the first member and extends substantially parallel to the first member, such that respective channels of the first and second members are coterminous, the second member having a second concave open internal wall shaped and dimensioned to resiliently grip the
20 pencil, in which no parts of the second internal wall are contiguous, such that free edges of the channel forming the wall are spaced from one another, the first and second members being separated from one another by a common elongate partition wall having a first face forming part of the first
25 internal wall and a second face forming part of the second internal wall.

While a clasp with two clips adjacent to each other is preferable, it is contemplated that other embodiments of the clip may have three or more clips.

30 Optionally, each clip may have internal friction inducing members, such as small nibs, longitudinally extending ribs or ridges therein, to better retain the lipstick barrel or the lip liner pencil in their respective concave clips. Furthermore, a mirror may be inlaid in a frame
35 adjacent to one of the arcuate exterior surfaces of the device.

DESCRIPTION OF THE EMBODIMENTS

In one embodiment an "S" shaped embodiment is proposed wherein an arcuate portion of a circle is adjacent to an oppositely extending smaller arcuate portion, so that the two items together form an "S" with a larger bottom portion than the top portion.

Another embodiment includes a "U" shaped clip having a common edge for the wing portions extending in opposite directions of the smaller clip portion, which may take any configuration.

Another version includes a "U" shaped clip wherein the smaller clip extends in an opposite direction but is attached at a tangential edge of one of the wing portions of the larger clip.

The present invention further comprises a method of clipping together an elongate lipstick barrel and an elongate lip liner pencil which includes the steps of providing a clip according to the invention and inserting the barrel and the pencil respectively in said first and second members to be resiliently gripped thereby.

It is contemplated that other embodiments fall within the scope of the invention, wherein a clasp has two or more clip portions integrally connected, for holding two or more related longitudinally extending articles, such as lipstick barrels, lip liner pencils, eyebrow pencils and the like.

DESCRIPTION OF THE DRAWINGS

Figure 1 is a left side elevational view of the embodiment for a cosmetic accessory clasp, the right side view being a mirror image thereof;

Figure 2 is a perspective view thereof;

Figure 3 is a perspective view thereof, shown with a lipstick barrel and a lip liner pencil held therein;

Figure 4 is a left side elevational view of a second embodiment for a cosmetic accessory clasp, the right side view being a mirror image thereof;

Figure 5 is a perspective view thereof;

Figure 6 is a perspective view of a third embodiment for a cosmetic accessory clasp for a small lip liner barrel;

Figure 7 is a perspective view of a fourth embodiment for a cosmetic accessory clasp for a large lipstick barrel;

5 Figure 8 is a perspective view of a fifth embodiment for a cosmetic accessory clasp;

Figure 9 is a perspective view of a sixth embodiment for a cosmetic accessory clasp;

10 Figure 10 is a perspective view of a seventh embodiment for a cosmetic accessory clasp;

Figure 11 is a perspective view of an eighth embodiment for a spring loaded cosmetic accessory clasp, wherein the clasp is adjustable for both large and small lip liner barrels;

15 Figure 12A is a left side elevational view of the clasp as in Figure 11, shown with a small lip liner barrel therein;

Figure 12B is a left side elevational view of the clasp as in Figure 1, shown with a large lipstick barrel therein;

20 Figure 13 is a perspective view of a ninth S-shaped embodiment for a cosmetic accessory clasp;

Figure 14 is a top plan view of a tenth S-shaped embodiment for a cosmetic accessory clasp;

Figure 14A is a front elevational view thereof;

25 Figure 14B is a right side elevational view thereof, with the hidden barrel engaging ridges shown in dotted lines;

Figure 14C is a front elevational partial cross sectional view thereof, with the hidden barrel engaging ridges shown in dotted lines;

30 Figure 14D is a close up top plan view of part of the barrel engaging portion of the cosmetic accessory clasp as in Figure 14;

Figure 15 is a top plan view of an eleventh S-shaped embodiment for a cosmetic accessory clasp, with a mirror attached.

35 Figure 15A is a front elevational view thereof, with the hidden barrel engaging ridges shown in dotted lines;

Figure 15B is a right side elevational view thereof, with the hidden barrel engaging ridges shown in dotted lines;

Figure 15C is a front elevational partial cross sectional view thereof, with the hidden barrel engaging
5 ridges shown in dotted lines; and,

Figure 15D is a front elevational view thereof, shown with the mirror in place.

Figures 16A, 16B and 16C are isometric views of an S-shaped twelfth embodiment for a cosmetic accessory clasp,
10 with a mirror attached.

DETAILED DESCRIPTION OF THE EMBODIMENTS

As shown in Figures 1-3, the present invention describes a clip type clasp for clasping together two or more axially extending cosmetic accessories, such as a lipstick barrel 2
15 and a lip liner pencil 3.

Clasp 1 holds a pair of cosmetic accessories, such as lipstick barrel 2 and lip liner pencil 3 together in proximity so that a user can have easy access to both items simultaneously.

20 Generally lipstick barrel 2 has a cross-sectional diameter of about 1.8 cm (0.70 inches) and lip liner pencil 3 has a cross-sectional diameter of about 0.8 cm (0.30 inches). Other lipstick barrels have a diameter of about 1.1 cm (0.40 inches).

25 Clasp 1 includes a large open clip 4 having attached tangentially at the shoulder portion 4b thereof a smaller clip 5 adjacent to same, wherein the larger lipstick barrel is inserted and held in place by the spring action of the resilient wings 7, 8 joined together by base 9 of the larger
30 clip 4 and the lip liner pencil 3 is insertable in and held in place by the spring action of the resilient wings 10, 11 joined together by base 12 of the smaller clip 5 adjacent to the larger clip 4. In the embodiment shown in Figures 1-3, one wing 10 of smaller clip 5 is integral with a distal
35 portion 8a of wing 8 of larger clip 4.

In the version of Figures 1-3, large clip 4 is a "U"

shaped clip wherein the open end 5a of smaller clip 5 extends in the same direction as open end 4a of larger clip 4, but is attached tangentially at shoulder portion 46 of wing portion 8 of the larger clip 4. In the embodiment shown in Figures 1-3, larger clip 4 has opening 4a with a width of about 1.8 cm (0.70 inches) to accommodate a lipstick barrel 2 having a diameter of about 1.8 cm (0.70 inches). Smaller clip 5 has opening 5a with a width of about 0.8 cm (0.30 inches) to hold a lip liner pencil 3 having a cross-sectional diameter of 0.30 inches. Figures 4-5 show an alternate embodiment for a cosmetic accessory clasp 101 wherein a third mid-size clip 120 is attached to both larger clip 104 and smaller clip 105. In this embodiment, clip 120 may be used to hold a third cosmetic accessory, such as a lipstick barrel (not shown) having a smaller diameter of about 1.1 cm (0.40 inches). Therefore mid-size clip 120 includes opening 120a having a width of about 1.1 cm (0.40 inches). Mid-size clip 120 also includes wings 127, 128 joined together by base 129 of mid-size clip 120. Base 129 of mid-size clip 120 is integral with a proximal end 108b of wing 108 of larger clip 104, which also includes opposite wing 107 joined by wing 108 by common base 109.

Smaller clip 105 of clasp 101 includes open end 105a and wings 110, 111 joined by base 112, which base 112 is integral with lower wing 128 of mid-size clip 120. It is noted that wing 110 of smaller clip 105 is integral with the distal end 108a of wing 108 of larger clip 104. Moreover, open end 120a extends in a perpendicular direction away from the parallel direction of open ends 104a, 105a of larger clip 104 and smaller clip 105 of clasp 101.

It is further noted that the size of a larger clip can be varied to accommodate the various sizes of lipstick barrels. For example, Figure 6 shows larger clip 134 of clasp 131 having an opening 134a with a width of about 1.1 cm (0.40 inches) to accommodate thinner lipstick barrels (not shown) have corresponding cross-sectional diameters of about

5/12

7/16

 $\frac{2}{16}$

1.1 cm (0.40 inches). Smaller clip 135 bears an opening 135a of about 0.8 cm (0.30 inches).

On the other hand, Figure 7 shows larger clip 154 of clasp 151 having an opening 154a of about 1.8 cm (0.70 inches) to accommodate larger lipstick barrels having a cross-sectional diameter of about 1.8 cm (0.70 inches).

It is noted that while respective openings 134a and 154a of larger clips 134, 154 of clasps 131, 151 vary in width, in Figures 6 and 7, clasps 131, 151 bear similar structural configurations. For example respective open ends 135a, 155a of smaller clips 135, 155 extend in a direction 180° opposite to the direction of openings 134a, 154a of respective larger clips 134, 154. Furthermore, wings 140, 160 of respective smaller clips 135, 155 are integral with respective wings 138, 158 of larger clips 134, 154.

Also in Figure 6 wings 140, 141 of smaller clip 135 are joined by base 142 and wings 137, 138 of larger clip 134 are joined by base 139, which extends parallel to base 142 of smaller clip 135.

Furthermore, in Figure 7, wings 160, 161 of smaller clip 155 of clasp 151 are joined by base 162 and wings 157, 158 of larger clip 154 are joined in base 159, which extends parallel to base 162 of smaller clip 155.

Another embodiment includes a "U" shaped clip having a common edge for the wing portions extending in opposite directions of the smaller clip portion, which may take any configuration.

Figures 8 and 10 show clasps 171, 191 which bear similar modified H-shaped structural configurations. For example respective larger clips 174, 194 have openings 174a, 194a which extend 180° opposite to openings 175a, 195a of smaller clips 175, 195. Larger clips 174, 194 include respective pairs of wings 177, 178 and 197, 198 joined by respective bases 179, 199. Likewise, smaller clips 175, 195 include respective pairs of wings 180, 181 and 200, 201 joined by respective bases 182, 202; Furthermore, in clasp 171 base

179 of larger clip 174 is integral with and extends parallel to base 182 of smaller clip 175. In clasp 191, base 199 of larger clip 194 is integral with and extends parallel to base 202 of smaller clip 195.

5 However, clasp 171 of Figure 8 differs from clasp 191 of Figure 10 in that continuous arcuate side edges 171a, 171b make wings 180, 181 of smaller clip 175 integral with wings 177, 178 of larger clip 174. Arcuate edges 171a, 171b extend from the distal open end 175a between wings 180, 181 of
10 smaller clip 175 to the opposite, distal open end 174a between wings 177, 178 of larger clip 174.

Figure 9 shows an alternate E-shaped embodiment 221 wherein respective larger clip 224 is integral with and has opening 224a extending parallel to opening 225a of smaller
15 clip 225. In this embodiment larger clip 224 includes wings 227, 228, and smaller clip 225 includes wings 230, 231, wherein wing 230 of smaller clip 225 is integral with proximal portion 228a of wing 228 of larger clip 224. Furthermore, base 229 of larger clip 224 is co-terminus with
20 base 232 of smaller clip 225.

As shown in Figures 11, 12A and 12B, the eighth embodiment for a clasp 241 is adjustable to hold both large lipstick barrels 2 having a cross-sectional diameter of about 1.8 cm (0.70 inches), as well as mid-size lipstick barrels 6
25 having a smaller cross-sectional diameter of about 1.1 cm (0.40 inches).

Like clasps 171, 191, clasp 241 bears a modified H-shaped configuration, wherein smaller clip 245 is U-shaped, and includes an opening 245a which extends in a direction
30 180° opposite to opening 244a of larger U-shaped clip 244. Clasp 241 bears a modified H-shaped configuration because base 252 of smaller clip 245 is integral with, and extends parallel to, base 249 of larger clip 244.

Base 252 of smaller clip supports upwardly extending
35 wings 250, 251, which also extend generally 180° opposite downwardly extending wings 247, 248 of larger clip 244.

Unlike the embodiments shown in Figures 1-10, larger clip 244 of clasp 241 of Figures 11, 12A and 12B is more resilient and malleable, so that larger clasp 244 can accommodate either a smaller diameter lipstick barrel 6 of about 1.1 cm (0.40 inches) in diameter, as in Figure 12A or a larger diameter lipstick barrel 2 of about 1.8 cm (0.70 inches), as in Figure 12.

Furthermore, while adjustable clip 241 can have any modified configuration, in Figures 11, 12A and 12B clasp 241 bears a cross-sectional shape similar to a musical string lute.

In addition, in the embodiment shown in Figure 13, clasp 341 is generally "S-shaped", wherein in this embodiment an "S" shaped embodiment is proposed wherein an arcuate portion of a circle is adjacent to a oppositely extending smaller arcuate portion, so that the two items together form an "S" with a larger bottom portion than the top portion. Smaller arcuate-shaped clip 345 is interconnected to larger arcuate-shaped clip 344 in such a manner that the sense of curvature of arc-shaped clip 345 is opposite to that of its adjacent arc-shaped clip 344 wherein the interconnection is smoothly accomplished, resulting in a serpentine-shaped clasp 341.

Furthermore, smaller clip 345 is joined tangentially to larger clip 344 at a point 341b where the sense of curvature of arcuate smaller clip 345 changes to the opposite sense of curvature of arcuate larger clip 344.

As a result, open end 345a of smaller clip 345 extends in a direction 180° opposite to the direction of open end 344a of larger clip 344. Furthermore, the inner radius of the major loop of larger clip 344 is about 0.93 cm (0.365 inches), to provide an opening of 1.85 cm (0.73 inches) to accommodate a larger lipstick barrel of about 1.8 cm (0.70 inches). The inner radius of the minor loop of smaller clip 345 is about 0.38 cm (0.15 inches), to accommodate a lip liner pencil of about 0.76 cm (0.30 inches) in diameter.

Also, to provide stability the depth of each clip 1,

101, 131, 151, 171, 191, 221, 241 or 341 is at least 1.14 cm (0.45 inches), to snugly hold lipstick barrels and place axially extending cosmetic accessories therein.

Moreover, in the embodiment shown in Figures 14, 14A, 14B, 14C and 14D clasp 441 is generally "S-shaped", wherein in this embodiment an "S" shaped embodiment is disclosed wherein an arcuate portion of a circle is adjacent to a oppositely extending smaller arcuate portion, so that the two items together form an "S" with a larger bottom portion than the top portion. Smaller arcuate-shaped clip 445 is interconnected to larger arcuate-shaped clip 444 in such a manner that the sense of curvature of smaller arc-shaped clip 445 is opposite to that of its adjacent larger arc-shaped clip 444, wherein the interconnection is smoothly accomplished, resulting in a serpentine-shaped clasp 441.

Furthermore, smaller clip 445 is joined tangentially to larger clip 444 at a point 441b where the sense of curvature of arcuate smaller clip 445 changes to the opposite sense of curvature of arcuate larger clip 444.

As a result, open end 445a of smaller clip 445 extends in a direction 180° opposite to the direction of open end 444a of larger clip 444. Furthermore, the inner radius of the major loop of larger clip 444 is about 0.93 cm (0.373 inches), to provide an opening of 1.9 cm (0.746 inches) to accommodate a larger lipstick barrel of about 1.8 cm (0.70 inches). The inner radius of the minor loop of smaller clip 445 is about 0.39 cm (0.155 inches), to provide an opening of about 0.8 cm (0.031 inches) to accommodate a lipstick pencil of about 0.76 cm (0.30 inches) in diameter.

Also, to provide stability, while depth may vary, the optimal depth of each larger clip 444, which depth corresponds to the axial orientation of a lipstick barrel placed therein, is about 3.8 cm (1.50 inches), to snugly hold lipstick barrels and place axially extending cosmetic accessories therein.

To ease in guiding a lip liner pencil within smaller

clip 445, an overhanging cantilevered portion 446 extends beyond the opening of smaller clip 445. While smaller clip 445 has an inner radius of about 0.38 cm (0.15 inches), the curvature of cantilevered portion 446 is less acute, and has
5 a larger radius of about 0.45 cm (0.18 inches), to permit the lip liner pencil to guide through the opening under cantilevered portion 446 and into smaller clip 445.

To further enhance the retention of the lipstick barrel within larger clip 444 and the lip liner pencil within
10 smaller clip 445, retention members 447 are located within respective clips 444 and 445. As shown in Figures 14A, 14B and 14C, preferably retention members are longitudinally extending ribs or ridges, which extend parallel to the axis position of the respective lipstick barrel or lip liner
15 pencil within respective clips 444 and 445.

As shown in Figure 14, preferably three of retention members 447 are located within smaller clip 445, wherein two are located at the respective edges of the opening of smaller clip 445, and a third is located along the sense of curvature
20 of the interior of smaller clip 445. Furthermore, two retention member 447 are located within larger clip 444, preferably near, but not at, the opening of larger clip 444.

Additional ornamental features may be provided on cosmetic accessory clasp 441, such as serpentine shaped
25 external spine 448, which follows the exterior convex surfaces of larger clip 444 and smaller clip 445. Serpentine spine 448 may be made of a series of parallel members, wherein the innermost member is longer than the outer members. In addition, top and bottom surfaces edges 444b and
30 444c of larger clip 444 may be curved, to enhance the aesthetic appearance of cosmetic accessory clasp 441.

Finally, in the embodiment shown in Figure 15, clasp 541 is generally "S-shaped", wherein in this embodiment an "S" shaped embodiment includes a curved arcuate portion of a
35 circle adjacent to an oppositely extending smaller curved arcuate portion, so that the two curved portions combined

form an "S" with a larger bottom portion than the top portion.

Smaller arcuate-shaped clip 545 is interconnected to larger arcuate-shaped clip 544 in such a manner that the sense of curvature of arc-shaped clip 545 is opposite to that of its adjacent arc-shaped clip 544 wherein the interconnection is smoothly accomplished, resulting in a serpentine-shaped clasp 541.

Furthermore, smaller clip 545 is joined tangentially to larger clip 544 at a point 541b where the sense of curvature of arcuate smaller clip 545 changes to the opposite sense of curvature of arcuate larger clip 544.

As a result, open end 545a of smaller clip 545 extends in a direction 180° opposite to the direction of open end 544a of larger clip 544.

The inner radius of the major loop of larger clip 544 is about 0.95 cm (0.373 inches), to provide an opening of 1.89 cm (0.746 inches) to accommodate a larger lipstick barrel of about 1.8 cm (0.70 inches).

The inner radius of the minor loop of smaller clip 545 is about 0.39 cm (0.155 inches), to provide an opening of about 0.08 cm (.031 inches) to accommodate a lip liner pencil of about 0.8 cm (0.30 inches) in diameter.

To provide stability, while depth may vary, the optimal depth of each larger clip 544, which depth corresponds to the axial orientation of a lipstick barrel placed therein, is about 3.8 cm (1.50 inches), to snugly hold a lipstick barrel therein or other axially extending cosmetic accessories therein.

To ease in guiding a lip liner pencil within smaller clip 545, an overhanging cantilevered portion 546 extends beyond the opening of smaller clip 545. While smaller clip 545 has an inner radius of about 0.39 cm (0.155 inches), the curvature of cantilevered portion 546 is less acute, and has a larger radius of about 0.45 cm (0.18 inches), to permit the lip liner pencil to guide through the opening under

cantilevered portion 546 and into smaller clip 545.

To assist in retaining the lipstick barrel within larger clip 544 and the lip liner pencil within smaller clip 545, retention members 547 are provided within respective clips 544 and 545.

As shown in Figures 15A, 15B and 15C, preferably retention members are longitudinally extending ribs or ridges, which extend parallel to the axis position of the respective lipstick barrel or lip liner pencil within respective clips 544 and 545.

As shown in Figure 15, preferably three of retention members 547 are located within smaller clip 545, wherein two are located at the respective edges of the opening of smaller clip 545, and a third is located along the sense of curvature of the interior of smaller clip 545. Furthermore, two retention member 547 are located within larger clip 544, preferably near, but not at, the opening of larger clip 544.

As a further optional feature, as shown in Figures 15, 15A, 15B and 15D, a mirror 549 may be inlaid in a frame 550 adjacent to outer convex arcuate exterior surface 544d of larger clip 544 of cosmetic accessory clasp 541.

Other non functional decorative features may be added to cosmetic accessory clasp 541, such as serpentine shaped external spine 548, which follows the exterior convex surfaces of larger clip 544 and smaller clip 545. Serpentine spine 548 may exhibit other ornamental features, such as the fact that it is made of a series of parallel members, wherein the inner most member is longer than the outer members. In addition, top and bottom surfaces edges 544b and 544c of larger clip 544 may be curved, to provide a further aesthetic look to cosmetic accessory clasp 541.

As shown in Figures 16A, 16B, 16C, clasp 641 is generally "S-shaped". Smaller arcuate-shaped clip 645 is interconnected to larger arcuate-shaped clip 644 in such a manner that the sense of curvature of open arc-shaped clip 645 is opposite to that of its adjacent open arc-shaped clip

644, wherein the interconnection is smoothly accomplished, resulting in a serpentine-shaped clasp 641.

Furthermore, smaller clip 645 is joined tangentially to larger clip 644 at a point 641b where the sense of curvature of arcuate smaller clip 645 changes to the opposite sense of curvature of arcuate larger clip 644.

As a result, open end 645a of smaller clip 645 extends in a direction of about 180° opposite to the direction of open end 644a of larger clip 644.

To ease in guiding a lip liner pencil within smaller clip 645, an overhanging cantilevered ramp portion 646 extends beyond the opening of smaller clip 645.

As a further optional feature, as shown in Figures 16A, 16B and 16C, a mirror 649 may be inlaid in a frame 650 adjacent to outer convex arcuate exterior surface 644d of larger clip 644 of cosmetic accessory clasp 641.

While they are not essential, other non functional decorative features may be added to cosmetic accessory clasp 641, such as serpentine shaped external spine 648, which follows a portion of the exterior convex surfaces of larger clip 644, but not along smaller clip 645. Serpentine spine 648 may exhibit other ornamental features, such as the fact that it is made of a series of parallel members, wherein the inner most member is longer than the outer members. In addition, top and bottom surfaces edges 644b and 644c of larger clip 644 may be curved, to provide a further aesthetic look to cosmetic accessory clasp 641.

While the foregoing examples show two clips forming a clasp, such as clips 444 and 445 forming clasp 441, it is contemplated that two or more clips may be made in one clasp. For example, clasp 441 may optionally have a third clip (not shown) being adjacent to one portion of clasp 441, such as adjacent to clip 444 at an outer edge opposite to point 441b, at which point 441b the sense of curvature of clip 444 changes to the sense of curvature of clip 445.

It is further noted that other modifications may be made

to the present invention, without departing from the scope of the invention, as noted in the appended claims.

I CLAIM:

1. A unitary clip for clipping together an elongate lipstick barrel and an elongate lip liner pencil, which clip comprises:

5 a first channel-shaped clip member having a first concave open internal wall, in which no parts of said first internal wall are contiguous such that free edges of the channel forming said wall are spaced from one another, said first internal wall being shaped and dimensioned to
10 resiliently grip said barrel; and, integral with said first member, a second channel-shaped clip member which has a smaller bore than said first member and extends substantially parallel to said first member such that respective channels of said first and second members are coterminous, said second
15 member having a second concave open internal wall shaped and dimensioned to resiliently grip said pencil, in which no parts of said second internal wall are contiguous, such that free edges of the channel forming said wall are spaced from one another, said first and second members being separated
20 from one another by a common elongate partition wall having a first face forming part of said first internal wall and a second face forming part of said second internal wall.

2. A clip according to claim 1, wherein said larger
25 channel-shaped clip member and said smaller channel-shaped clip member together form an "S" shaped cross-section with a larger bottom portion than a top portion, in which said larger clip member comprises an arcuate portion of a circle adjacent to an oppositely extending smaller arcuate portion.
30

3. A clip according to claim 1, wherein said larger channel-shaped clip member includes a "U" shaped section having a common edge for a pair of wing portions extending in opposite directions of said smaller channel-shaped clip
35 member.

4. A clip according to claim 1, which is substantially

"U" shaped wherein said smaller channel-shaped clip member extends in an opposite direction but is attached at a tangential edge of one of a pair of wing portions of said larger channel-shaped clip member.

5

5. A clip according to claim 1, which is substantially "H" shaped, wherein said larger channel-shaped clip member has a common edge for a pair of wing portions extending in opposite directions of said smaller channel-shaped clip member.

10

6. A clip according to claim 1, wherein said larger clip member is resilient and malleable to accommodate a variety of sizes of axially extending cosmetic accessories therein.

15

7. A cosmetic accessory clip, substantially as described herein with reference to any of Figures 1 to 3, Figures 4 and 5, Figure 6, Figure 7, Figure 8, Figure 9, Figure 10, Figures 11 to 12B, Figure 13, Figures 14 to 14D, Figures 15 - 15D and Figures 15A, 15B and 15C of the accompanying drawings.

20

8. A method of clipping together an elongate lipstick barrel and an elongate lip liner pencil which comprises the steps of providing a clip according to any of claims 1 to 7, and inserting said barrel and said pencil respectively in said first and second members to be resiliently gripped thereby.

30

9. A cosmetic pack comprising in combination an elongate lipstick barrel, an elongate lip liner pencil and a clip according to any of claims 1 to 7, wherein said barrel is resiliently gripped in said first member and said pencil is gripped in said second member.

35

10. A lipstick cosmetic accessory clasp for axially

extending cosmetic accessories, such as a lipstick barrel and lip liner pencil, said clasp comprising:

an first larger open clip having attached at a closed portion thereof a smaller open clip adjacent to said larger open clip,

wherein the lipstick barrel is insertable and engaged by a spring action of said larger open clip and further,

wherein the lip liner pencil is insertable and engaged by a spring action of said smaller open clip adjacent to said larger open clip.

11. The cosmetic accessory clasp as in Claim 10 further comprising an "S" shaped embodiment wherein said larger open clip comprises an arcuate portion of a circle adjacent to a oppositely extending smaller arcuate portion, wherein said larger open clip and said smaller open clip together form an "S" with a larger bottom portion than a top portion thereof.

12. The cosmetic accessory clasp as in Claim 10 further comprising said larger open clip including a "U" shaped clip having a common edge for a pair of wing portions extending in opposite directions of said smaller open clip.

13. The cosmetic accessory clasp as in Claim 10 further comprising a "U" shaped clip wherein said smaller open clip extends in an opposite direction but is attached at a tangential edge of one of a pair of wing portions of said larger open clip.

14. The cosmetic accessory clasp as in Claim 10 further comprising an "H" shaped clip, wherein said larger open clip has a common edge for a pair of wing portions extending in opposite directions of said smaller open clip.

15. The cosmetic accessory clasp as in Claim 10 further comprising said larger clip being resilient and malleable to accommodate a variety of sizes axially extending cosmetic

accessories therein.

16. A cosmetic accessory clasp for axially extending cosmetic accessories, such as a lipstick barrel and lip liner pencil, said clasp comprising in combination:

an first larger arcuate-shaped open clip having attached at a closed portion thereof a smaller arcuate-shaped open clip adjacent to said larger arcuate-shaped open clip,

a lipstick barrel being insertable and engagable by a spring action of said larger arcuate-shaped open clip and further,

a lip liner pencil being insertable and engagable by a spring action of said smaller arcuate-shaped open clip adjacent to said larger arcuate-shaped open clip,

said larger arcuate-shaped open clip comprising an arcuate portion of a circle adjacent to a oppositely extending smaller arcuate portion, wherein said larger arcuate-shaped open clip and said smaller arcuate-shaped open clip together form an "S" with a larger bottom portion than a smaller top portion,

said smaller arcuate-shaped open clip being interconnected to said larger arcuate-shaped open clip in such a manner that the sense of curvature of said larger arcuate shaped open clip is opposite to that of said adjacent smaller arcuate shaped open clip, resulting in a serpentine-shaped cosmetic accessory clasp,

said smaller arcuate shaped open clip being joined tangentially to said larger arcuate shaped open clip at a point where said sense of curvature of said smaller arcuate-shaped open clip changes to said opposite sense of curvature of said larger arcuate-shaped open clip, and,

an open end of said smaller arcuate-shaped open clip extending in a direction opposite to the direction of an open end of said larger arcuate-shaped open clip.

17. The cosmetic accessory clasp as in Claim 16 further comprising a means for guiding a lip liner pencil within said

smaller arcuate-shaped open clip,

said means comprising an overhanging cantilevered portion extending beyond said opening of said smaller arcuate-shaped open clip.

5

18. The cosmetic accessory clasp as in Claim 17 wherein a radius of curvature of said cantilevered portion is larger radius than a radius of curvature of said smaller arcuate-shaped open clip, to permit the lip liner pencil to guide
10 through an opening under said cantilevered portion and into said smaller arcuate-shaped open clip.

19. The cosmetic accessory clasp as in Claim 16 further comprising a means to further enhance the retention of the
15 lipstick barrel within said larger arcuate-shaped open clip and the lip liner pencil within said smaller arcuate-shaped open clip,

said retention means comprising at least one longitudinally extending rib extending parallel to an axial
20 position of the respective lipstick barrel within said larger arcuate-shaped open clip and to an axial position of the lip liner pencil within said smaller arcuate-shaped open clip.

20. The cosmetic accessory clasp as in Claim 19 wherein
25 said at least one longitudinally extending rib comprises a plurality of longitudinally extending ribs.

21. The cosmetic accessory clasp as in Claim 16 further comprising a mirror being inlaid in a frame located adjacent
30 to an outer convex arcuate exterior surface of said larger arcuate-shaped open clip of said cosmetic accessory clasp.

22. The cosmetic accessory clasp as in Claim 16 further comprising a serpentine shaped external spine, said spine
35 follows at least a portion of an exterior convex surface thereof.

23. The cosmetic accessory clasp as in Claim 22 wherein said serpentine spine is made of a series of parallel members, wherein an inner most member is longer than a plurality of parallel outer members.

5

24. The cosmetic accessory clasp as in Claim 23 wherein respective top and bottom surfaces edges of said larger arcuate-shaped open clip are curved.

10 25. A clasp for holding longitudinally extending articles comprising:

an first open clip having attached at a closed portion thereof at least one second open clip adjacent to said first open clip,

15 wherein a first longitudinally extending article is insertable and engaged by a spring action of said first open clip and further,

wherein at least one second longitudinally extending article is insertable and engaged by a spring action of said at least one second open clip adjacent to said larger open clip.

26. The clasp for holding longitudinally extending articles as in Claim 25 wherein said at least one second clip comprises two or more other clips.

27. The clasp for holding longitudinally extending articles as in Claim 26 wherein said at least one second clip comprises:

30 a second clip being adjacent to one portion of said first clip of said clasp at an outer edge adjacent to a point at which a sense of curvature of said first clip changes to a sense of curvature of said first second clip of said at least one second clip, and,

35 a third clip, said third clip being adjacent to one portion of said first clip of said clasp at an outer edge opposite to a point at which a sense of curvature of said

first clip changes to a sense of curvature of said second clip of said clasp.

1/12

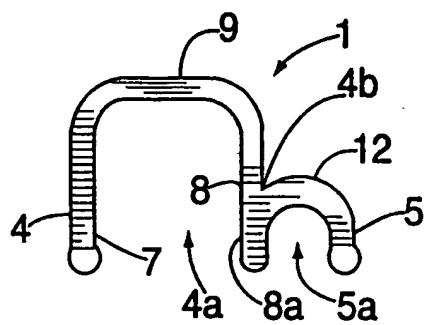


FIG. 1

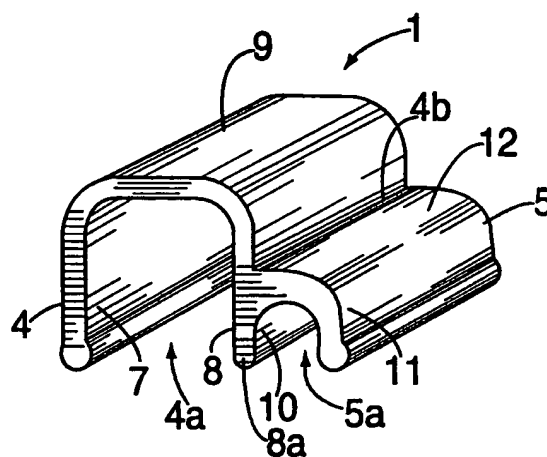


FIG. 2

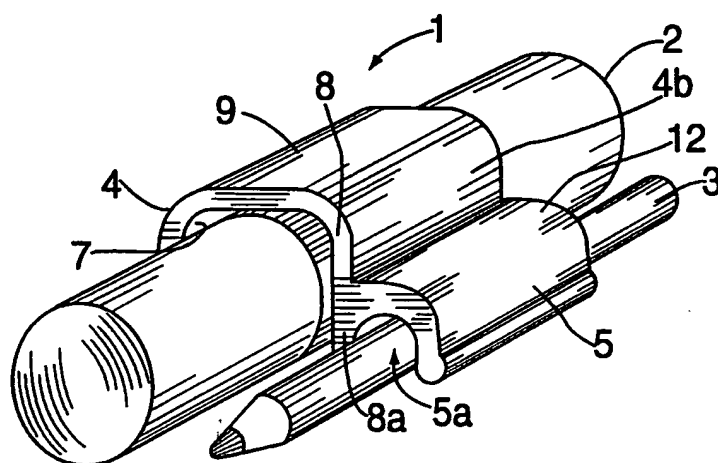


FIG. 3

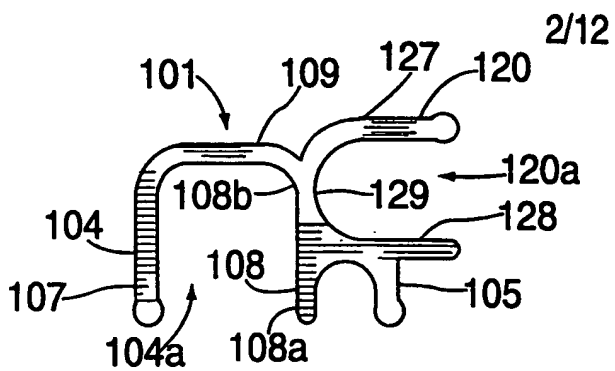


FIG. 4

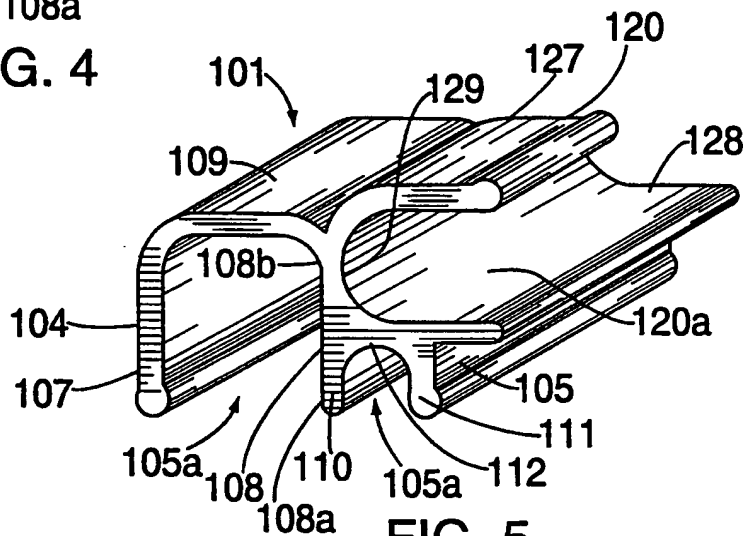


FIG. 5

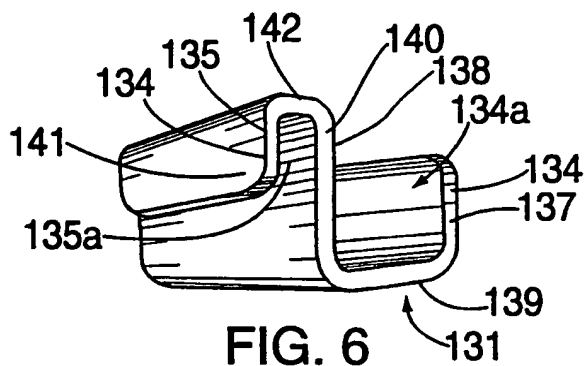


FIG. 6

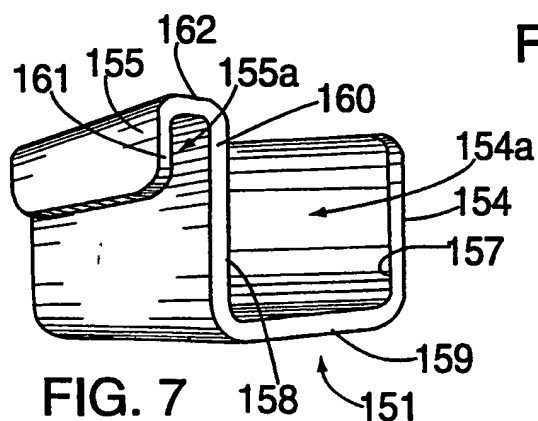


FIG. 7

3/12

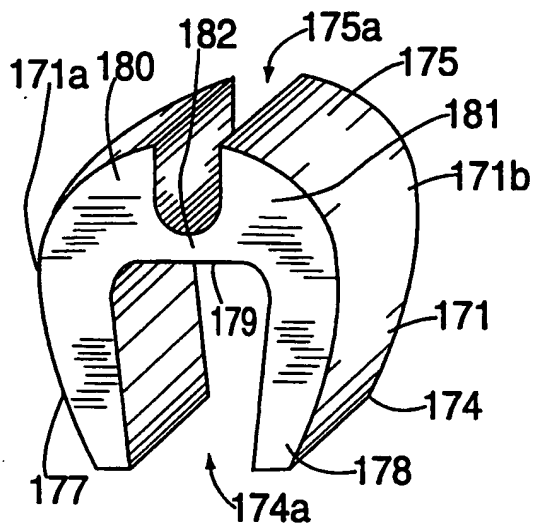


FIG. 8

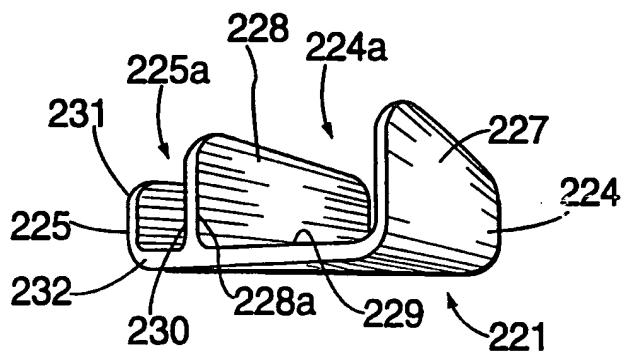


FIG. 9

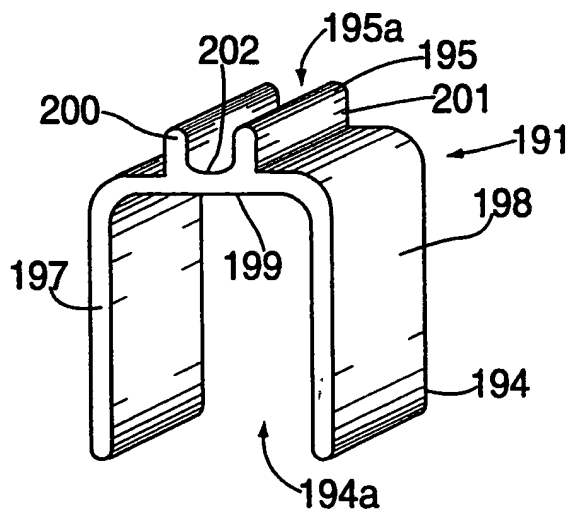


FIG. 10

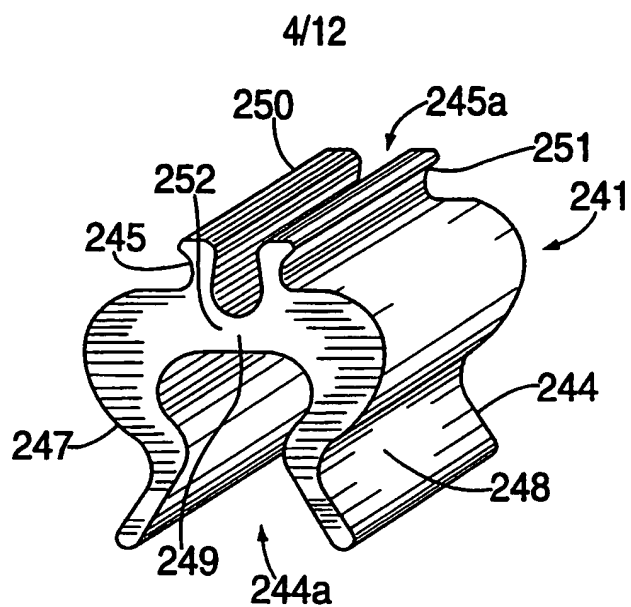


FIG. 11

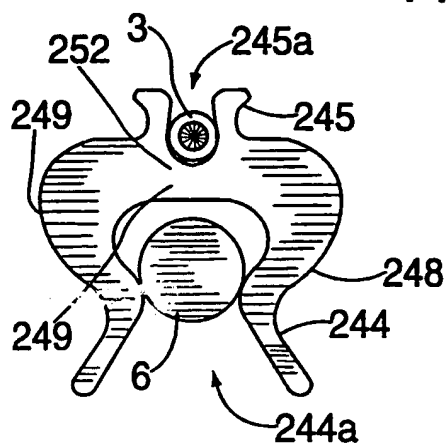


FIG. 12A

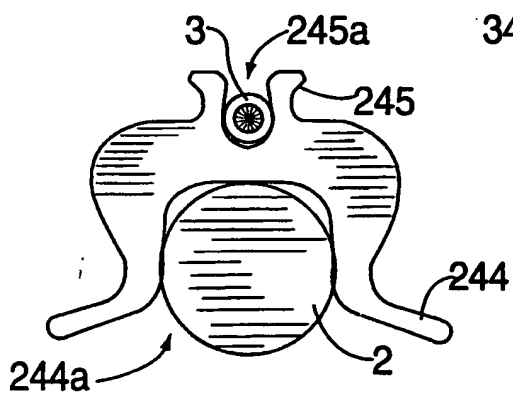


FIG. 12B

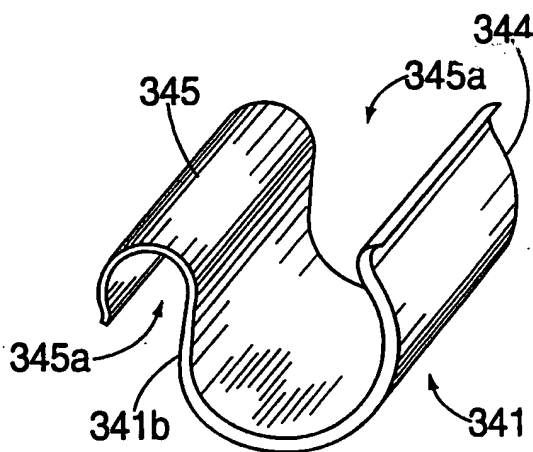


FIG. 13

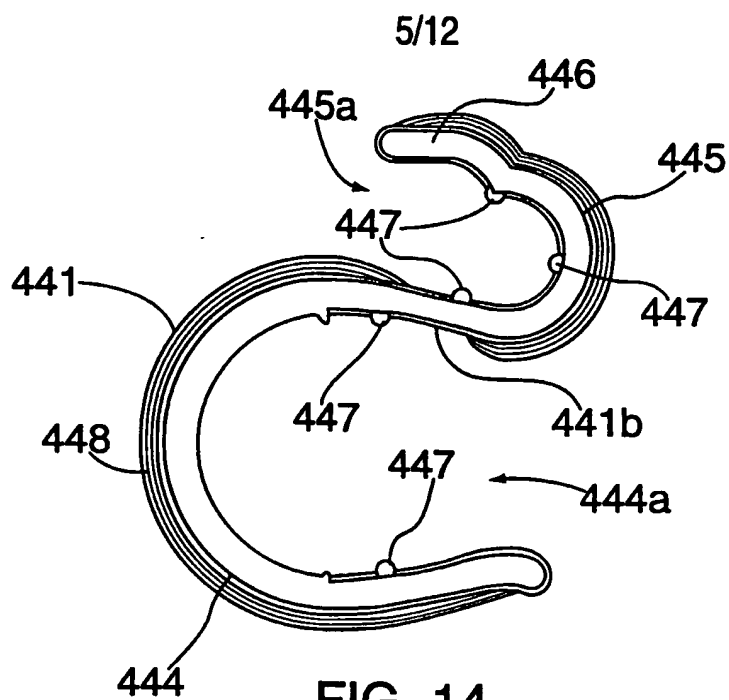


FIG. 14

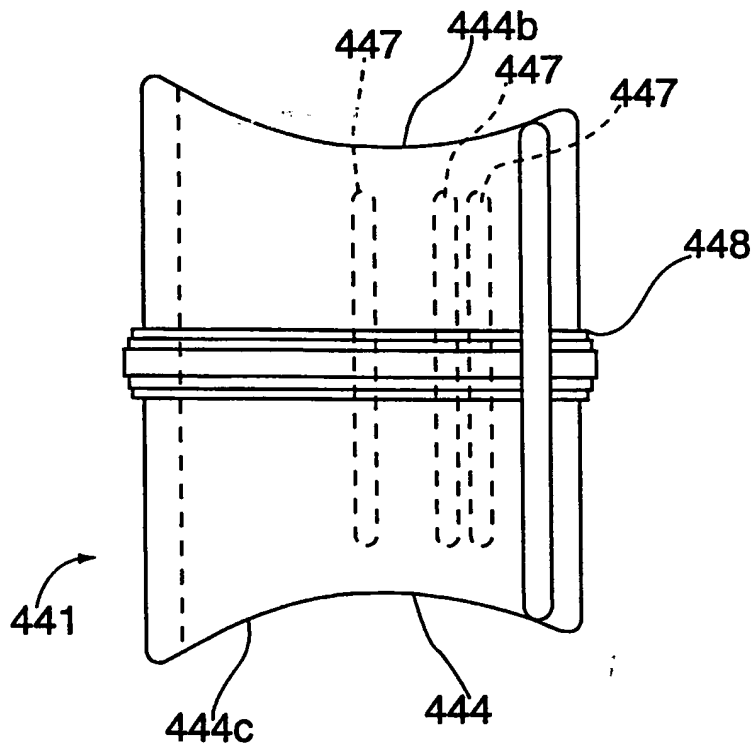


FIG. 14A

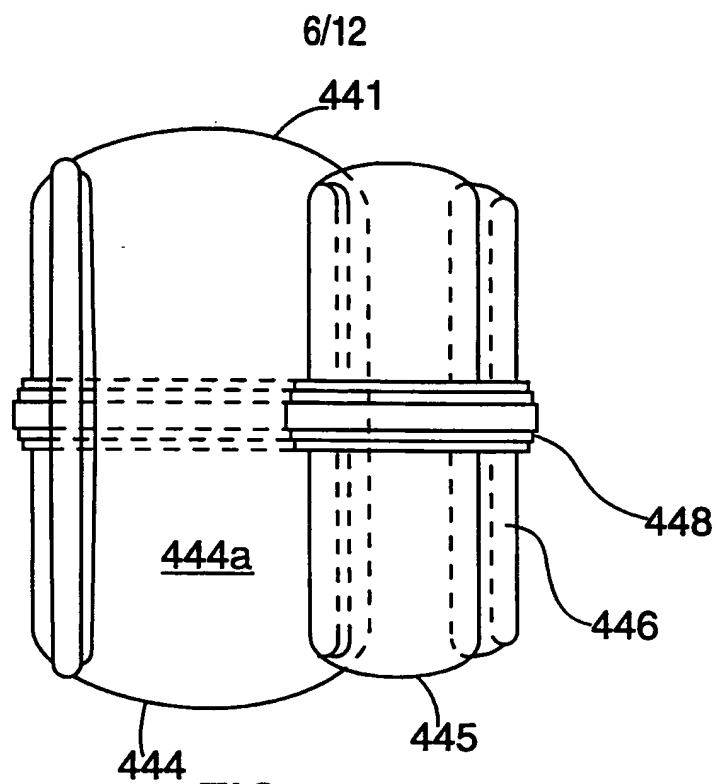


FIG. 14B

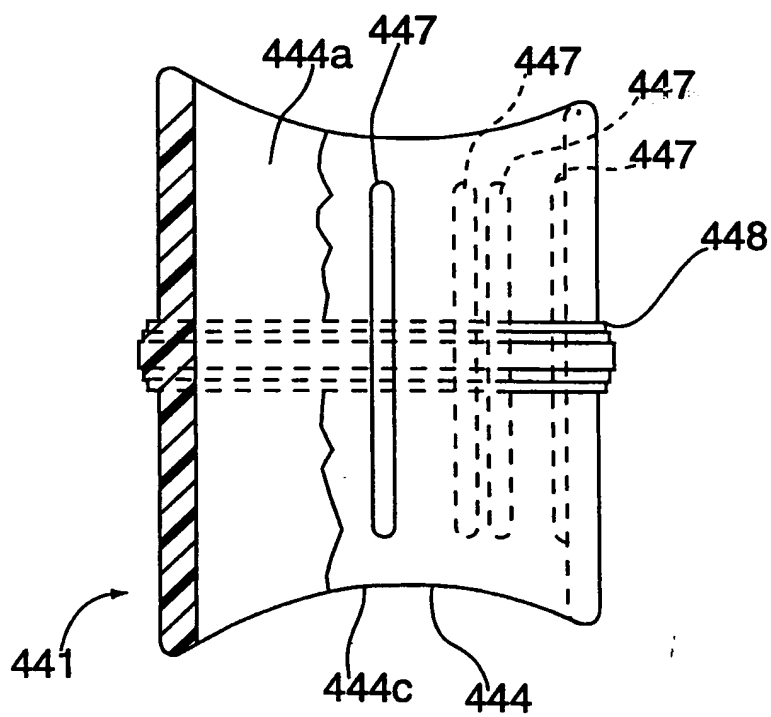


FIG. 14C



FIG. 14D

7/12

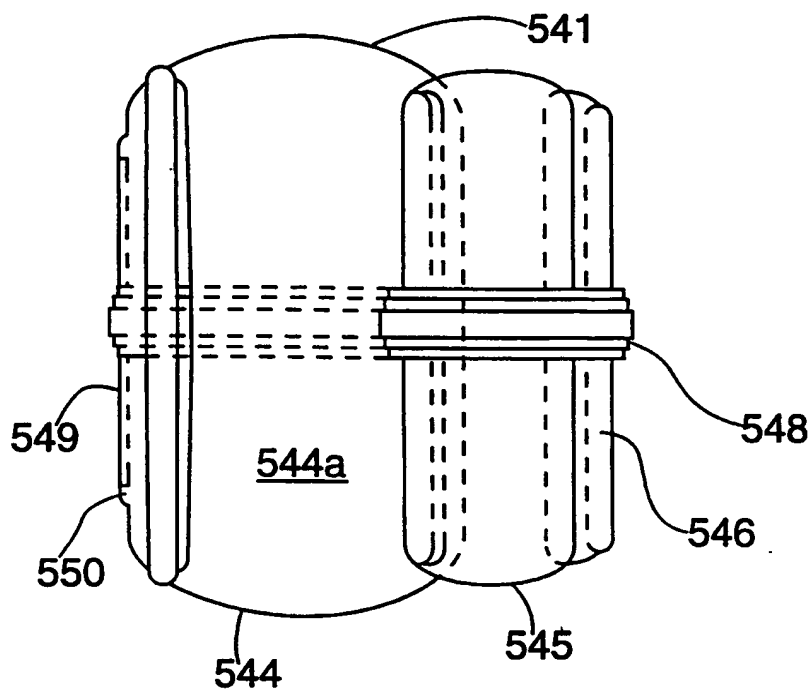


FIG. 15B

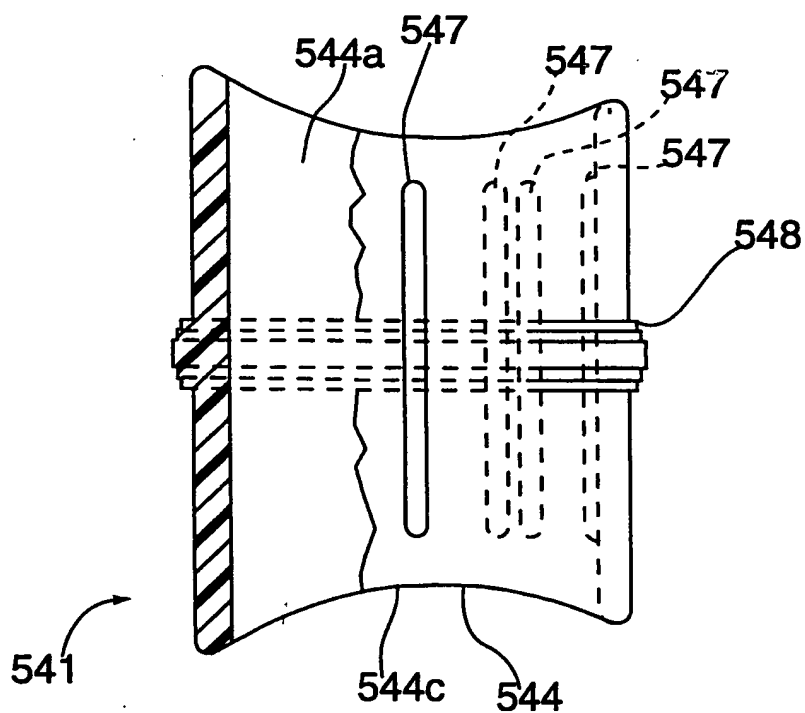


FIG. 15C

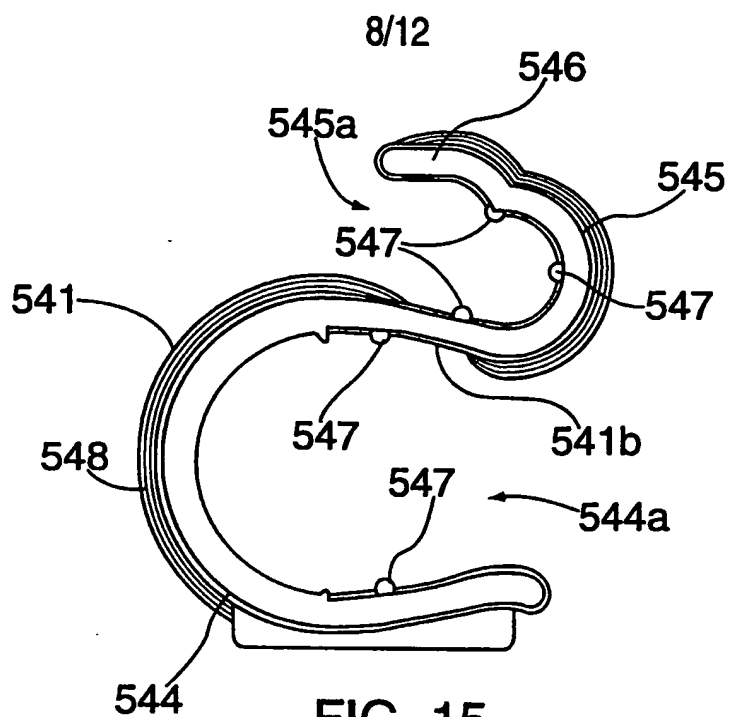


FIG. 15

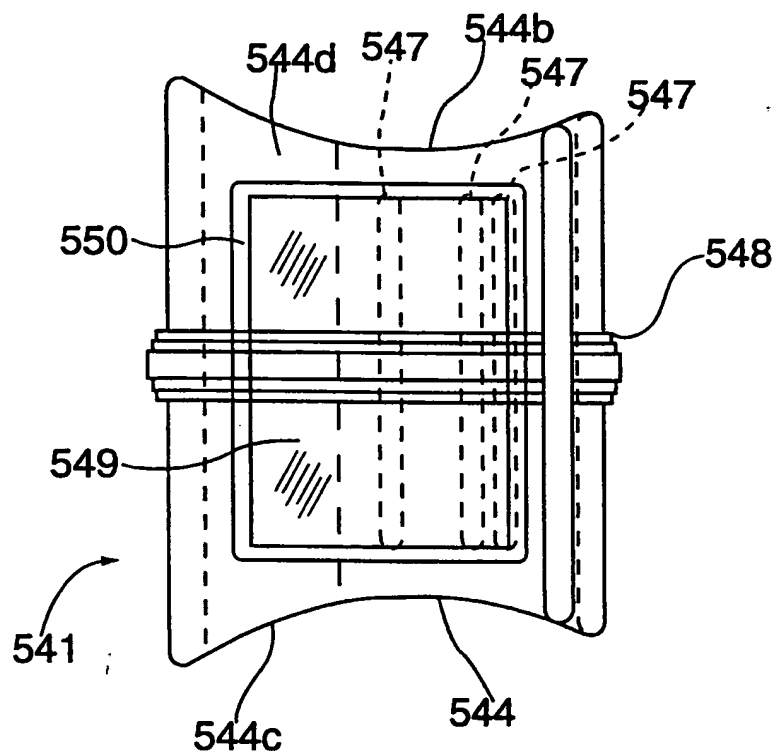


FIG. 15A

9/12

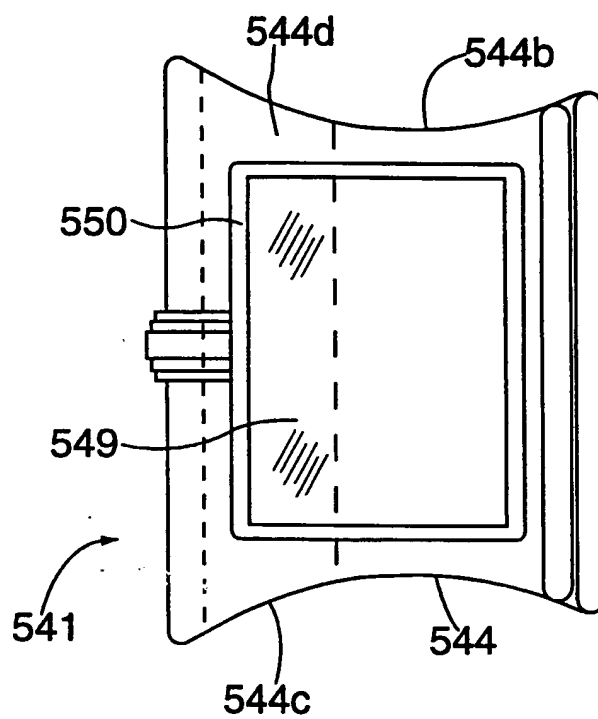


FIG. 15D

10/12

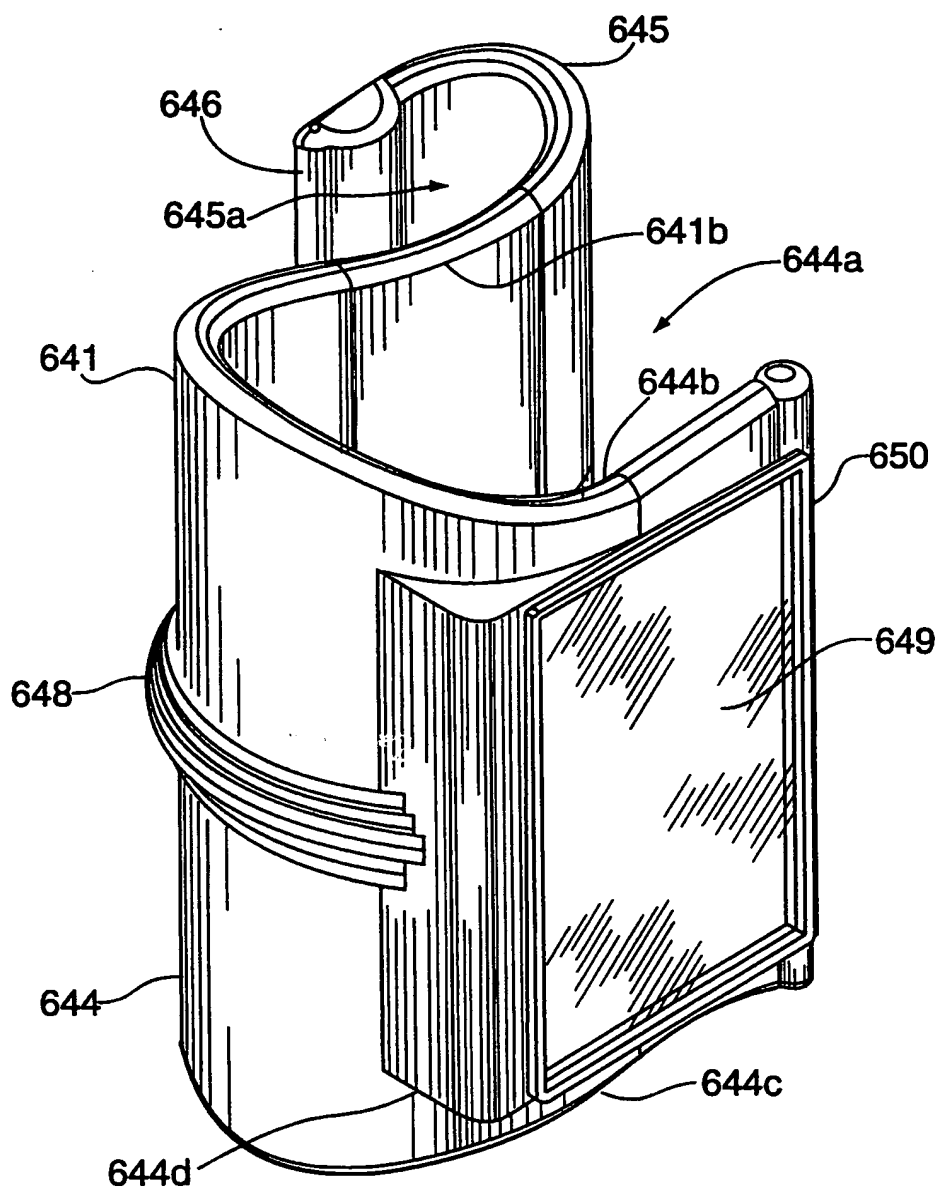


FIG. 16A

11/12

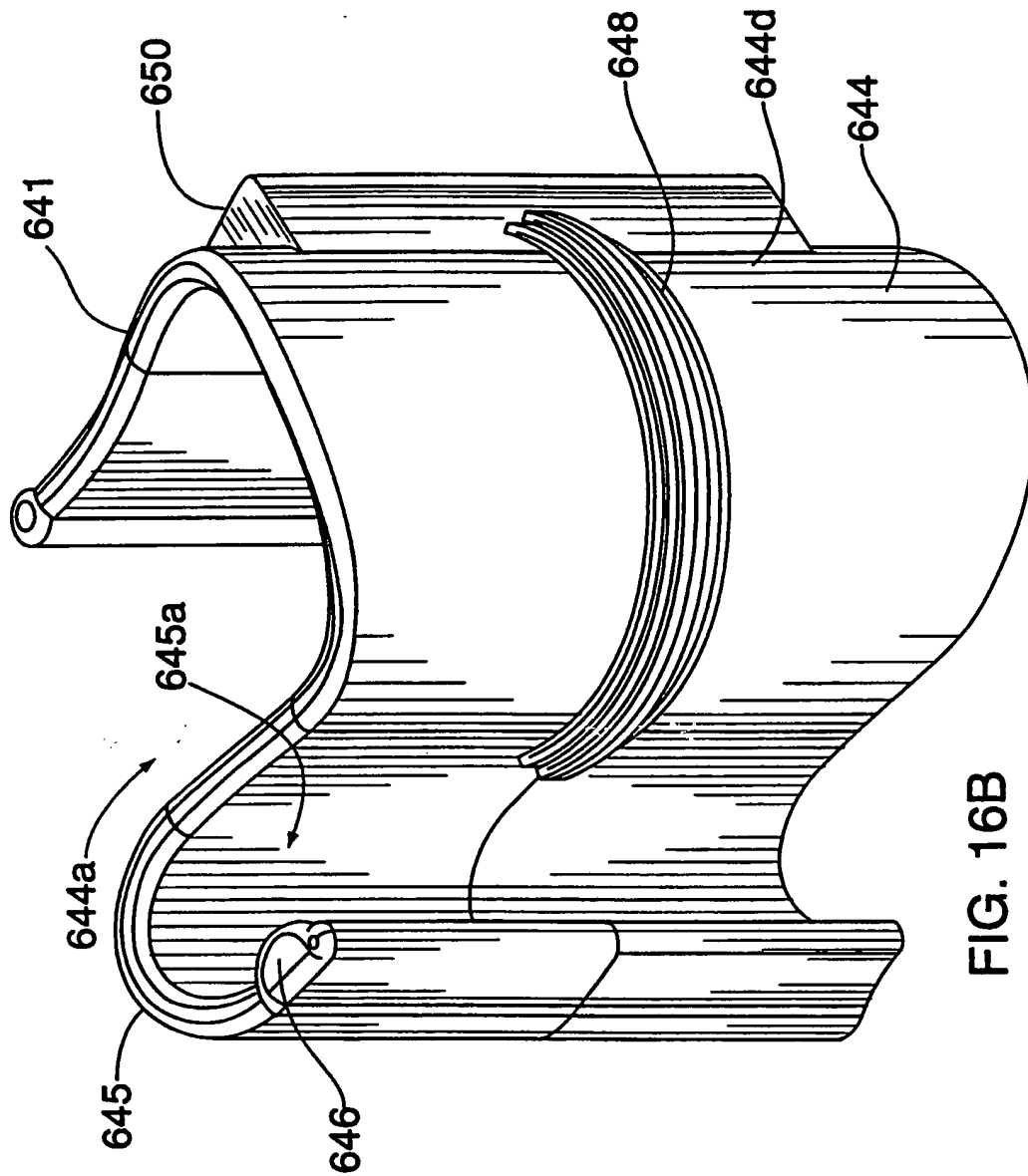
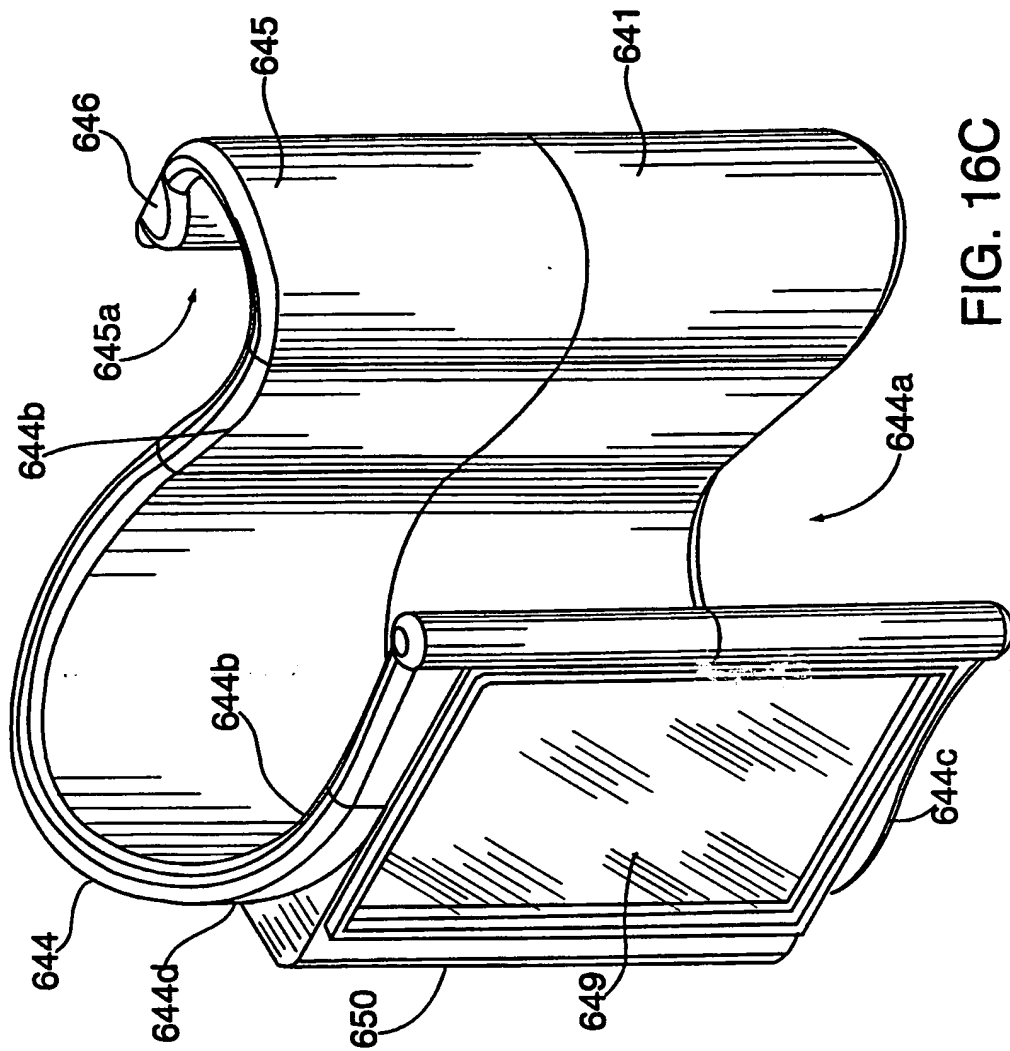


FIG. 16B

12/12



INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/03226

A. CLASSIFICATION OF SUBJECT MATTER IPC(6) A44B 21/00; B43K 25/00; F16B 2/00 US CL 24/339,329,346 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 24/339,329,330,346,370,67.3 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 1,644,948 A (POIRIER) 11 October 1927 (11/10/27); See entire document.	1-27
Y	US 1,462,714 A (MARCHAND) 24 July 1923 (24/07/23); See entire document.	1-27
Y	US 3,636,595 A (WINES) 25 January 1972 (25/01/72); See entire document.	1-27
Y	US 3,778,537 A (MILLER) 11 December 1973 (11/12/73); See entire document.	1-27
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document published on or after the international filing date "I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "A" document member of the same patent family	
Date of the actual completion of the international search 18 MAY 1998		Date of mailing of the international search report 19 JUN 1998
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230		Authorized officer <i>Victor Sakran</i> VICTOR SAKRAN Telephone No. (703) 308-2224

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/03226

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 0,803,464 A (BECK) 31 October 1905 (31/10/05); See entire document.	1-27
Y	US 2,942,314 A (DEBNER ET AL) 28 June 1960 (28/06/60); See entire document.	1-27
Y	US 4,050,187 A (GEIGER ET AL) 27 September 1977 (27/09/77); See entire document.	1-27
Y	US 3,983,602 A (BARRY) 05 October 1976 (05/10/76); See entire document.	1-27
P, Y	US 5,642,557 A (CLEWS) 01 July 1997 (01/07/97); See entire document.	1-27
Y	US 3,860,015 A (TARRO) 14 January 1975 (14/01/75); See entire document.	1-27
Y	GB 0,461,277 A (CLAY) 15 February 1937 (15/02/37); See entire document.	1-27
Y	AT 0,271,797 A (LINDE) 10 June 1969 (10/06/69); See entire document.	1-27
Y	DE 0,960,711 A (REDDIG) 14 MARCH 1957 (14/03/57); See entire document.	1-27